

DPI/S 64- 2965

Sanitized - Approved For Release CIA-RDP67R00587A000100170013-4

~~SECRET~~

ADM-4.3

27 MAY 1964

DD/S&T-1562/64

MEMORANDUM FOR: Deputy Director for Support

SUBJECT : Antenna Requirements

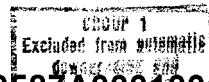
1. It is requested that this Directorate be granted the authority to install an antenna structure on the roof of the Headquarters Building. The ideal location for this equipment is on or near the penthouse at the northeast section of the building. The antenna is needed in connection with the maintenance and operation of the Quick Reaction Branch, Office of SECURITY, located in OP-78. The cable run from the roof to the ground floor would be through the freight elevator shaft. Presently, the Office of Security makes use of this shaft for their antenna-receiver link.

2. The antenna is required by the Quick Reaction Branch for the test and evaluation of equipment fabricated or otherwise configured by the QRB for deployment to operational activities and for evaluating the performance capability of collection systems developed by commercial contractors. Additionally, QRB conducts exploratory research in the electronics field designed to verify the adaptability of new ideas, techniques, and methodology to the requirements of unique collection systems. The discharge of these responsibilities requires the use of an external receiving antenna to permit reception of live signals.

3. The Office of Security has located a TV antenna structure at the northeast section of the building. The QRB cannot tie-in with this antenna since it is not capable of receiving signals in the wide band frequency range. Other antennas located on the roof of the Headquarters Building are incompatible with QRB's frequency requirements. Accordingly, this Directorate desires to locate a 30 to 600 megacycle logarithmic periodic antenna (AN-20) on the roof to accommodate our reception requirement. Assembled, the antenna is approximately seven feet high inclusive of mast, seven feet wide, and seven feet deep, and forty pounds in weight.

4. Heretofore, the QRB has made use of an antenna located near the northeast entrance at ground level. The Office of Security has

~~SECRET~~



Sanitized - Approved For Release CIA-RDP67R00587A000100170013-4

DD/S&T-1562/64

Page Two

raised objections to this practice which forms our justification for requesting permanent placement on the roof. The antenna itself is unobtrusive and would not be visible from ground level.

5. Based on the foregoing, it is requested that approval be granted to locate a permanent antenna structure on the roof. If approved, we propose to have the Logistics Services Division engage the services of a private contractor to accomplish the antenna installation.

25X1A9a

[REDACTED]

ALBERT B. WHEELON
Deputy Director
for
Science and Technology

CONCURRED:

Director of Communications

Date

APPROVED:

(SIGNED)
Deputy Director for Support

16 JUN 1964

Date

Distribution:

- O & I - DD/S
1 - D/CQ (O. retained in OEL files)
1 - D/L

1 - AO/DD/S&T
1 - B&F/DD/S&T

1 - RDD/OEL

2 - DD/S&T
2 - LSB/OEL Ch, Proj
1 - OEL Ch

25X1A9a

LSB/OEL/[REDACTED]/Sah/4491
(26 May 1964)